

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|------------------|---------|------------------|
| L1 | 1 | "4992185".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 10:39 |
| L2 | 6630 | anti\$1oxidant\$1 near10 (phenate sulfide or phosphosulfurized terpene or sulfurized ester or aromatic amine or hindered phenol) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 10:40 |
| L3 | 1025 | anti\$1oxidant\$1 near10 (phenate sulfide or phosphosulfurized terpene or sulfurized ester or aromatic amine or hindered phenol) and emulsif\$5 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 10:41 |
| L4 | 965 | anti\$1oxidant\$1 near10 (phenate sulfide or phosphosulfurized terpene or sulfurized ester or aromatic amine or hindered phenol) and emulsif\$5 and water | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 10:41 |
| L5 | 378 | anti\$1oxidant\$1 near10 (phenate sulfide or phosphosulfurized terpene or sulfurized ester or aromatic amine or hindered phenol) and emulsif\$5 and (water with oil) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 12:32 |
| L7 | 371 | (metal deactivator) near10 (benzotriazole or benzimidazole or \$3alkyldithiobenzimidazole\$1 or \$3alkyldithiobenzothiazole\$1 or thiadiazoles) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 12:25 |
| L8 | 71 | (metal deactivator) near10 (benzotriazole or benzimidazole or \$3alkyldithiobenzimidazole\$1 or \$3alkyldithiobenzothiazole\$1 or thiadiazoles) and emulsi\$5 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 12:26 |
| L9 | 67 | l8 and water | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 12:32 |
| L10 | 1819 | (viscosity modifier) and emulsi\$6 and (water with oil) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 12:35 |
| L11 | 513 | (viscosity modifier) and emulsi\$6 and (water with oil) and maleic anhydride | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 12:42 |
| L12 | 18 | emulsi\$6 and (water with oil) and (maleic anhydride near10 norbornadiene) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 12:38 |
| L13 | 172 | emulsi\$6 and (water with oil) and (maleic anhydride) and lubrizol.as. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 12:38 |

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| L14 | 17619 | oil\$1in\$1water emulsion or (oil in water emulsion) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 13:16 |
| L15 | 133 | (viscosity modifier) and emulsi\$6 and (L14) and maleic anhydride | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 12:42 |
| L16 | 1 | "20050120619" | US-PGPUB | ADJ | ON | 2006/01/26 12:59 |
| L18 | 45 | (oil\$1in\$1water emulsion or (oil in water emulsion)) and (oil near5 minor) and (water near5 major) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 13:17 |
| L20 | 1 | "6020291".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 14:05 |
| L21 | 541 | ((Li or lithium) (\$3hydroxy\$1stearate)) or (Li \$3hydroxy stearate) or (lithium \$3hydroxy stearate) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 14:42 |
| L22 | 370 | L21 and thicken\$2 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 14:32 |
| L23 | 45 | l22 and emulsif\$5 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 14:31 |
| L24 | 43 | L21 and (water near10 oil) and emulsi\$6 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 14:33 |
| L25 | 349 | lithium near10 \$3hydroxy\$1stear\$3 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 14:43 |
| L26 | 1 | l25 and l14 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 14:43 |
| L27 | 68 | ethylene\$1propylene\$1norbornadie ne | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 14:56 |
| S1 | 5 | ("5256320" "5354485" "5362409" "6063742" "6824623").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/23 16:33 |
| S2 | 6 | GB-1571652-\$.did. or GB-1591652-\$.did. or CA-914144-\$.did. or WO-200000572-\$.did. or EP-340323-\$.did. | EPO; DERWENT | ADJ | ON | 2006/01/26 09:16 |
| S3 | 1 | "6933263".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/23 16:34 |

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| S4 | 16 | ("4070321" "4452940" "4786679" "4992185" "5256320" "5354485" "5362409" "5614482" "5622649" "5746945" "5773073" "5851961" "6063742" "6423326" "6691715" "6824623").PN. OR ("6933263"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/23 13:55 |
| S5 | 948 | LUBRIZOL CORPORATION.as. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:08 |
| S6 | 101 | LANGER-DEBORAH-\$.in. or FILIPPINI-BRIAN-\$.in. or STECKEL-THOMAS-\$.in. or WESTFALL-DAVID-\$.in. or DENIS-RICHARD-\$.in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 12:24 |
| S7 | 41 | LANGER-DEBORAH-\$.in. or FILIPPINI-BRIAN-\$.in. or STECKEL-THOMAS-\$.in. or WESTFALL-DAVID-\$.in. or DENIS-RICHARD-\$.in. | EPO; JPO; DERWENT | ADJ | ON | 2006/01/25 17:00 |
| S8 | 12 | LUBRIZOL CORPORATION.as. | EPO; JPO; DERWENT | ADJ | ON | 2006/01/23 10:03 |
| S9 | 55 | ("2052026" "2548347" "200301383 73" "20040053791" "20040176263" "3255108" "3934969" "3958915" " 4063871" "4078230" "4145297" "41 82614" "4199326" "4244702" "4378 230" "4394131" "4478604" "470875 3" "4776966" "4891050" "4892562" "5000872" "5034020" "5122353" " 5340369" "5344467" "5360459" "53 76154" "5437693" "5501714" "5505 877" "5518510" "5534039" "556274 2" "5593464" "5693106" "5749928" "5834539" "5882364" "5885310" " 5997751" "6012915" "6027634" "60 30424" "6056792" "6066186" "6149 880" "6187063" "6280485" "637940 4" "6827749" "6858046").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 14:04 |
| S10 | 4 | "4145297".pn. or "4708753".pn. or "6858046".pn. or "4478604".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/23 10:45 |
| S11 | 1 | "20030138373" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/23 10:33 |
| S13 | 6 | (water blended fuel composition).ti. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/23 10:42 |
| S14 | 1 | "6419714".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/23 10:45 |

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| S15 | 1 | LANGER-DEBORAH-\$.in. and FILIPPINI-BRIAN-\$.in. and STECKEL-THOMAS-\$.in. and WESTFALL-DAVID-\$.in. and DENIS-RICHARD-\$.in. | US-PGPUB; USPAT | ADJ | ON | 2006/01/23 13:02 |
| S16 | 274 | 508/154.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:06 |
| S17 | 98 | 508/180.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/23 16:35 |
| S18 | 441 | 508/208.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/23 16:34 |
| S19 | 61 | 508/421.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/23 16:34 |
| S20 | 191 | 508/545.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/23 16:35 |
| S21 | 364 | 508/583.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/23 16:35 |
| S22 | 1 | "20040111957" | US-PGPUB | ADJ | ON | 2006/01/24 08:27 |
| S23 | 948 | LUBRIZOL CORPORATION.as. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/24 08:34 |
| S24 | 227 | S23 and (water same (oil or fuel) same (emulsif\$4 or surfactant or dispers\$4)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/24 08:34 |
| S25 | 159 | 516/21.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/24 15:58 |
| S26 | 4455 | HLB same emulsif\$6 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/24 16:00 |
| S27 | 3036 | HLB near10 emulsif\$6 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/24 17:29 |
| S28 | 2941 | S27 and water and (oil or wax\$2 or alkylene oxide or \$5ylene oxide or ester near3 dicarboxylic acid) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/24 17:25 |
| S29 | 38 | emulsif\$6 near15 (acylat\$4 near5 hydrocarbyl near5 (amine or ammonia)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/24 16:49 |
| S30 | 12974 | water\$1in\$1oil emulsion or (water in oil emulsion) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 11:53 |

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| S31 | 1 | S28 and (lithium \$3hydroxy stearate) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/24 17:26 |
| S32 | 239 | (lithium \$3hydroxy stearate) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/24 17:28 |
| S33 | 193 | (lithium \$3hydroxy stearate) and thicken\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/24 17:27 |
| S34 | 26 | (lithium \$3hydroxy stearate) | EPO; JPO; DERWENT | ADJ | ON | 2006/01/25 11:39 |
| S35 | 1209 | HLB near10 emulsif\$6 | EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/01/24 17:29 |
| S36 | 54 | (hydrophilic\$1lipophilic balance or hydrophilic lipophilic balance) emulsif\$6 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/24 17:29 |
| S37 | 1 | "20020045670" | US-PGPUB | ADJ | ON | 2006/01/25 08:11 |
| S39 | 1 | "6333362".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 10:19 |
| S41 | 534 | ((Li or lithium) \$3hydroxystearate) or (lithium \$3hydroxy stearate) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/26 14:30 |
| S42 | 26 | (lithium \$3hydroxy stearate) | EPO; JPO; DERWENT | ADJ | ON | 2006/01/25 11:42 |
| S43 | 80 | ((Li or lithium) \$3hydroxystearate) or (lithium \$3hydroxy stearate) not S42 | EPO; JPO; DERWENT | ADJ | ON | 2006/01/25 11:42 |
| S45 | 541 | ((Li or lithium) (\$3hydroxy\$1stearate)) or (Li \$3hydroxy stearate) or (lithium \$3hydroxy stearate) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 11:47 |
| S46 | 424 | S45 and water | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 11:47 |
| S47 | 137 | S45 and water and (emulsif\$5 or surfactant or dispersant) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 11:49 |
| S48 | 12974 | water\$1in\$1oil emulsion or (water in oil emulsion) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:02 |
| S49 | 6 | S48 and S45 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 11:53 |
| S50 | 17582 | oil\$1in\$1water emulsion or (oil in water emulsion) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:26 |

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| S51 | 541 | ((Li or lithium) (\$3hydroxy\$1stearate)) or (Li \$3hydroxy stearate) or (lithium \$3hydroxy stearate) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:04 |
| S52 | 3 | S50 and S51 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:04 |
| S53 | 274 | 508/154.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:06 |
| S54 | 134 | S53 and water | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:06 |
| S55 | 948 | LUBRIZOL CORPORATION.as. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:08 |
| S56 | 28 | S55 and (brookfield viscometer) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:09 |
| S57 | 628 | S50 and (brookfield visco\$5) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:26 |
| S58 | 211 | S50 and ((brookfield visco\$5) near5 spindle) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:27 |
| S59 | 6 | S50 and ((brookfield visco\$5) near5 spindle near4 "7") | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:28 |
| S60 | 101 | LANGER-DEBORAH-\$.in. or FILIPPINI-BRIAN-\$.in. or STECKEL-THOMAS-\$.in. or WESTFALL-DAVID-\$.in. or DENIS-RICHARD-\$.in. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:41 |
| S61 | 39 | S60 and ("508".clas. or "524".clas.) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/01/25 16:41 |
| S62 | 41 | LANGER-DEBORAH-\$.in. or FILIPPINI-BRIAN-\$.in. or STECKEL-THOMAS-\$.in. or WESTFALL-DAVID-\$.in. or DENIS-RICHARD-\$.in. | EPO; JPO; DERWENT | ADJ | ON | 2006/01/25 17:00 |
| S63 | 12 | S62 and water | EPO; JPO; DERWENT | ADJ | ON | 2006/01/25 17:01 |